

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Currently Amended): A mobile radio communication apparatus for use in a mobile radio communication system including a plurality of base stations, each of the base stations broadcasting a system ID identifying a provider to which the base station belongs, the apparatus comprising:

means for storing, for each geographical area, system IDs, priority data associated with each of the system IDs, and information ~~representing types of service each provider offers~~ on whether each of the base stations offers a type of service or not;

means for receiving one of the broadcasted system IDs;

first means for seizing, based on the stored priority data, one of the base stations operating in a geographical area for which the received system ID is stored to set the apparatus in an idle state;

means for inputting a request for a desired type of service while the apparatus is in the idle state;

means, in response to the request, for determining whether the seized base station offers the desired type of service in the geographical area based on the information stored for the geographical area; and

second means for seizing, based on the stored priority data and the stored information, one of the base stations offering the desired type of service in the geographical area when the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 2 (Previously Presented): The apparatus according to claim 1, wherein when the second means failed to seize the base station of the lowest priority, the receiving means newly receives a system ID and the second means seizes one of the base stations operating in a geographical area for which the newly received system ID is stored to set the apparatus in an idle state.

Claim 3 (Previously Presented): The apparatus according to claim 1, wherein the storing means stores frequency data associated with each of the system IDs, and the second means seizes a base station offering the desired type of service in accordance with the frequency data when the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 4 (Previously Presented): The apparatus according to claim 3, further comprising means for transmitting the request to the base station seized by the second means.

Claim 5 (Currently Amended): A mobile radio communication apparatus for use in a mobile radio communication system including a plurality of base stations, each of the base stations broadcasting a system ID identifying a provider to which the base station belongs, the apparatus comprising:

means for storing, for each geographical area, system IDs and information ~~representing types of service each provider offers~~ on whether each of the base stations offers a type of service or not;

means for receiving one of the broadcasted system IDs;

first means for seizing one of the base stations having a prescribed priority and operating in a geographical area for which the received system ID is stored to set the apparatus in an idle state;

means for inputting a request for a desired type of service while the apparatus is in the idle state;

means, in response to the request, for determining whether the seized base station offers the desired type of service in the geographical area based on the information stored for the geographical area; and

second means for seizing, based on the stored information, one of the base stations offering the desired type of service in the geographical area the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 6 (Previously Presented): The apparatus according to claim 5, wherein the storing means stores frequency data associated with each of the system IDs, and the second means seizes a base station offering the desired type of service in accordance with the frequency data when the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 7 (Previously Presented): The apparatus according to claim 5, wherein when the second means failed to seize the base station of the lowest priority, the receiving means newly receives a system ID and the second means seizes one of the base stations operating in a geographical area for which the newly received system ID is stored to set the apparatus in an idle state.

Claim 8 (Currently Amended): A mobile radio communication apparatus for use in a mobile radio communication system including a plurality of base stations, each of the base stations broadcasting a system ID identifying a provider to which the base station belongs, the apparatus comprising:

means for storing, for each geographical area, system IDs, priority data associated with each of the system IDs, and information ~~representing types of service each provider offers~~ on whether each of the base stations offers a type of service or not;

first means for receiving one of the broadcasted system IDs based on the stored priority data and seizing one of the base stations operating in a geographical area for which the received system ID is stored to set the apparatus in an idle state;

means for inputting a request for a desired type of service while the apparatus is in the idle state;

means, in response to the request, for determining whether the seized base station offers the desired type of service in the geographical area based on the information stored for the geographical area; and

second means for seizing, based on the stored information, one of the base stations offering the desired type of service in the geographical area when the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 9 (Previously Presented): The apparatus according to claim 8, wherein the storing means stores frequency data associated with each of the system IDs, and the second means seizes a base station offering the desired type of service in accordance with the frequency data when the determining means determines that the base station seized by the first means does not offer the desired type of service.

Claim 10 (Previously Presented): The apparatus according to claim 8, wherein when the second means failed to seize the base station of the lowest priority, the receiving means newly receives a system ID and the second means seizes one of the base stations operating in a geographical area for which the newly received system ID is stored to set the apparatus in an idle state.

Claim 11 (Currently Amended): A mobile radio communication apparatus for use in a mobile radio communication system including a plurality of base stations, each of the base stations broadcasting a control signal with a system ID identifying a provider to which the base station belongs, the apparatus comprising:

means for storing, for each geographical area, system IDs, priority data associated with each of the system IDs, and information ~~representing types of service each provider offers~~ on whether each of the base stations offers a type of service or not;

means for receiving the broadcasted control signal, the signal including one of the system IDs;

means for detecting the system ID from the received control signals;

means for designating, based on the detected system ID, a geographical area data representing an area in which the base station connected to the mobile radio communication apparatus is located;

means for seizing, based on the stored priority data, one of the base stations operating in the geographical area for which the received system ID is stored to set the apparatus in an idle state;

means for inputting a request for a desired type of service while the apparatus is in the idle state;

means, in response to the request, for determining whether the seized base station offers the desired type of service in the geographical area based on the information stored for the geographical area; and

control means for causing said seizing means to seize, based on the stored priority data and the stored information, one of the base stations offering the desired type of service in the geographical area when the determining means determines that the base station seized by the seizing means does not offer the desired type of service.

Claim 12 (Previously Presented): The apparatus according to claim 11, further comprising means for transmitting the request to the base station seized by the seizing means.

Claim 13 (Previously Presented): The apparatus according to claim 11, wherein when the seizing means failed to seize the base station of the lowest priority, the receiving means newly receives a system ID and the seizing means seizes one of the base stations operating in a geographical area for which the newly received system ID is stored to set the apparatus in an idle state.

Claim 14 (Currently Amended): A mobile radio communication apparatus for use in a mobile radio communication system including a plurality of base stations, each of the base stations broadcasting a system ID identifying ~~a provider to which~~ the base station belongs, the apparatus comprising:

setting means for seizing one of the base stations in accordance with the broadcasted system IDs and setting the apparatus in an idle state, comprising means for storing, for each geographical area, information on whether each of the base stations offers a type of service or not;

means for inputting a request for a desired type of service while the apparatus is in the idle state; and

control means for causing said setting means to seize, based on the stored information, one of the base stations offering the desired type of service when the base station seized by the setting means does not offer the desired type of service.

Claim 15 (Previously Presented): The apparatus according to claim 14, further comprising means for transmitting the request to the base station seized based on the control means.

Claim 16 (Currently Amended): The apparatus according to claim 14, wherein said setting means comprises:

said means for storing further storing, for each geographical area, system IDs, and priority data associated with each of the system IDs, ~~and information representing types of service each provider offers~~;

means for receiving control signals broadcasted from the base stations, each including one of the system ID IDs;

means for detecting the system ID from the received control signals;

means for designating, based on the detected system ID, a geographical area data representing an area in which the base station connected to the mobile radio communication apparatus is located; and

first means for seizing, based on the stored priority data, one of the base stations operating in the geographical area for which the received system ID is stored to set the apparatus in an idle state.

Claim 17 (Previously Presented): The apparatus according to claim 16, wherein said control means comprises:

means, in response to the request, for determining whether the seized base station offers the desired type of service in the geographical area based on the information stored for the geographical area; and

second means for seizing, based on the stored priority data, one of the base stations offering the desired type of service in the geographical area when the determining means determines that the base station seized does not offer the desired type of service.

Claim 18 (Previously Presented): The apparatus according to claim 17, wherein when the setting means failed to seize the base station of the lowest priority, the receiving means newly receives a system ID and the second means seizes one of the base stations operating in a geographical area for which the newly received system ID is stored to set the apparatus in an idle state.